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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/913,496	08/16/2001	Thomas Jachmann	1454.1084	2502

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STAAS & HALSEY LLP
SUITE 700
1201 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

EXAMINER

ZHEN, WEI Y

ART UNIT	PAPER NUMBER
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2122

DATE MAILED: 04/05/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/913,496

Applicant(s)

JACHMANN ET AL.

Examiner

Wei Y Zhen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-10 have been canceled.
2. Claims 11-28 are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 11-12, 15-16, 17-18, 21-22, 23-24, 27-28 are rejected under 35 U.S.C. 102(a) as being anticipated by Kassabgi et al, U.S. Patent No. 6,003,037.

As per claim 11, Kassabgi et al discloses

a storage unit to store components surrounded by a container (Fig 1 and col. 2 lines 65-67, "...a set of smart objects can be encapsulated as a group in the container object 18...")

the components having at least one interface intended for interconnection of the components by an interconnection components (Figs, 1, 2a-2g and col. 3 lines 24-29, "...the smart objects communicate and exchange data using the smart link 10...")

the interconnection component, not the container, containing information required for interconnection of the components (Fig. 2a-2g and col. 3 lines 25-44, "various types of predefined smart links are provided...").

As per claim 12, the rejection of claim 11 is incorporated and further Kassabgi et al discloses wherein the components locally provide interconnection information containing interconnection intelligence required for the interconnection of the components (Fig. 1 and col. 3 lines 5-14 and lines 25-44).

As per claim 15, the rejection of claim 11 is incorporated and further Kassabgi et al discloses the interconnection component is intended for the components to be interconnected to search for matching interfaces (col. 4 line 55 to col. 5 line 35).

As per claim 16, the rejection of claim 11 is incorporated and further Kassabgi et al discloses the components are intended for multiple interconnections with further components (Fig. 1 and col. 3 lines 6-14).

Claims 17-18, 21-22 are rejected for the reason set forth in the rejections of claims 11-12, 15-16 respectively.

Claims 23-24, 27-28 are rejected for the reason set forth in the rejections of claims 11-12, 15-16 respectively.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

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having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 13-14, 19-20, 25-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kassabgi et al, U.S. Patent No. 6,003,037 in view of Robinson et al, "Active Magic: An ActiveX Control and DCOM Sample Using ATL" (Art of Record).

As per claim 13, the rejection of claim 11 is incorporated and further Kassabgi et al does not explicitly disclose the components are ActiveX components.

However, Robinson et al disclose interconnection of ActiveX components was well known in the art (p.1 "Overview Section").

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the teaching of Robinson et al into Kassabgi et al to have the components to be ActiveX components because one would want to utilize the efficient method of interconnecting components of Kassabgi et al in various types of components including the ActiveX components.

As per claim 14, the rejection of claim 13 is incorporated and further Kassabgi et al discloses wherein the components are input and output components (col. 4 lines 14-34).

Claims 19-20 are rejected for the reason set forth in the rejections of claims 13-14.

Claims 25-26 are rejected for the reason set forth in the rejections of claims 13-14.

Conclusion

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wei Y Zhen whose telephone number is (703) 305-0437. The examiner can normally be reached on Monday-Friday, 8 a.m. - 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam can be reached on (703) 305-4552. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Wei Zhen
Primary Examiner
4/1/2004